KIMMEL, Zbigniew.

Two cases of familial pancreatic lithiasis. Polski tygod. lek. 10 no.46:1510-1512 14 Nov. '55.

1. Z Oddz.Wewn. II Szpitala Miejskiego w Gliwicach; ordynator: dr Leon Miesel. Gliwice, ul. Dziewanny 2.
(PANCREAS, Calculi,
familial)
(CALCULI,
pancreas, familial)

KIMMEL, Zbigniew; WIECZORKIEWICZ, Bronislaw.

Three cases of congenital obstruction of the esophagus with tracheo-esophageal fistula. Polski przegl.chir. 27 no.5:441-446 May '55.

1. Ze specjalistycznego oddzialu chirurgii dziecicej Szpitala Miejskiego w Gliwicach. Ordynator dr med. Zb.Tabenski. i z Prosektury Szpitala Miejskiego w Gliwicach. Prosektor: lek.Z. Kimmel. I. Gliwice, ul. Dluga 21, 2. Gliwice, ul. Zwycistwa 45,m.5.

(ESOPHAGUS, abnormalities,
atresia with tracheo-esophageal fistula)
(ESOPHAGUS, fistula,
tracheo-esophageal, in atresia of esophagus)
(ABNORMALITIES,
atresia of esophagus, with tracheo-esophageal fistula)
(TRACHEA, fistula,
tracheo-esophageoa, in atresia of esophagus)
(FISTULA,
tracheo-esophageal, in atresia of esophagus)

KIMMEL, Zbigniew; LENKOWICZ, Teresa

A case of "panniculitis nodularis non-suppurativa recidivans". Polski tygod.lek. 15 no.13:477-478 28 Mr.'60.

1. Z Oddzialu Wewnetrznego II Szpitala Miejskiego w Gliwicach; dyrektor Szpitala: dr K. Mionskowski; ordynator Oddz.: dr E. Hoffman.

(PANNICULITIS case reports)

KIMMEL, Zbigniew, dr. med.; KOZLOWSKA, Aurelia

Acute pseudo-tumoral gastritis possibly of allergic etiology.
Pol. tyg. lek. 19 no.47:1821-1822 23 N'64.

1. Z Oddzialu Chorob Wewnetrznych Szpitala Gorniczego w Zabrzu
Biskupicach (ordynator: lek. med. Zbigniew Kimmel).

KIMMEL'MAN, A. I.

25931 Kimmel'man, A. I. Sluchay osoboy travmy bodolaza. Voyen. med. zhurnal, 1948, No. 6, s. 23-24.

SO: Letopis' Zhurnal Statey, No. 30, Moscow, 1948.

KIMMEL'MAN, D. N.,Docent PA 37/49T83

USSR/Engineering Sep 48
Joints, Bolted
Stress Analysis

"Dynamic Strength of Bolted Joints," Docent D. N. Kimmel'man, Cand Tech Sci, 10 pp

"Vest Mashinostroy" Vol XXVIII, No 9

Explains own method of designing bolted joints subjected to alternating stresses, with seven sketches.

37/49T83

KIMMEL'MAN, D.M., inzh.

Deep-sea pile moorings with suspended fender blocks. Transp. stroi. 14 no.5:22-24 My '64. (MIRA 18:11)

KIMEL'MAN, S.N.

Docent, Cand Tech Sci

"Problem of Determining Stability Reserves under Varying Conditions./

Trudy Seminara on Stability of Machine Parts, I, 1, 1949,

KIMMEL'MAN, D. N.

Raschet detalei mashin na prochnost'pri peremennykh napriazheniiakh. Moskva, Mashgiz, 1950. 126 p. diagrs.

Bibliography: p. 126-127.

Calculating the vibration strength of machine elements.

DLC: TJ170.K5

SO: Manufacturing and Mechanical Engineering in the Soviet Union, Library of Congress, 1953.

1. KIMMEL'MAN, D. N., Docent

2. USSR (600)

4. Machinery-Design

7. Calculating strength reserves in machine building. Vest mash. No. 9 1952.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

KIMMEL'MAN, D.N.

Improving the methods of strength analysis in machinery manufacture. Trudy LIKI no. 5:138-150 '59. (MIRA 13:12)

1. Kafedra teoreticheskoy i tekhnicheskoy mekhaniki Leningradskogo instituta kinoinzhenerov.
(Machinery--Design)

KIMMEL'MAN, D.N.

Differential method for calculating permissible stresses. Trudy LIKI no.11:71-83 '64. (MIRA 18:10)

1. Kafedra teoreticheskoy i tekhnicheskoy mekhaniki Leningradskogo instituta kinoinzhenerov.

CZECH[illegible]

VASA[illegible]; VANCEV, M.; and KIMEELOVA, B., [illegible] Hygiene and Occupational Diseases (Ustav hygieny [illegible] z povolani), Prague, Professor Dr J. [illegible], Director.

"Assess[illegible] of [illegible] Exposure of Workers to Carbon Disulfide Vapors. [illegible] Application of the Iodine Azide Reaction to the [illegible] Estimation of Carbon Disulfide Metabolites in [illegible]"

Prague, [illegible] Lekarstvi, Vol XV, No 4, May 63, pp 145-149.

Abstract [illegible] English summary, modified]: Iodine azide reaction [illegible] quantitative estimation of metabolism in the [illegible] of persons inhaling carbon disulfide vapors. A ratio was [illegible] for the quantitative evaluation of this reaction. [illegible] inhalation experiments, using concentrations of [illegible] to 200 micrograms of CS per liter of air, proved [illegible] relationship between the carbon-disulfide concentration in the atmosphere and the presence of its meta-

1/2

CZECHOSLOVAKIA

Prague, [illegible], Vol XV, No 4, May 63, pp 145-149.

bolites in urine. The content of carbon-disulfide metabolites in urine was [illegible] according to the duration of the iodine azide reaction [illegible] urine specimen collected during the last two hours of [illegible]. Dilution of urine was assessed on the basis of the creatinine concentration. Both values were used for calculating an exposure coefficient. A method of the exposure test [illegible]. Five references, including 1 Czech, 1 Polish and [illegible].

2/2

30175

S/070/61/006/006/007/008
E132/E135

24.7500

AUTHORS: Palatnik, L.S., Kimnik, Yu.F., Belova, Ye.K., and Atroshchenko, L.V.

TITLE: Investigation of the triple semiconducting compounds containing copper and the elements of the 4th and 6th groups

PERIODICAL: Kristallografiya v 6, no.6, 1961, 960-964 + 1 plate

TEXT: A method is put forward for estimating the intensities of the superstructure lines in X-ray powder photographs of three component compounds and ordered phases with fractional numbers of "molecules" in their unit cells by choosing imaginary compounds with the same structure but with whole numbers of "molecules". In this way the compound studied lies between two imaginary compounds in composition. These means have been applied for estimating the intensities of two possible types of superstructure lines in X-ray powder photographs of groups of compounds of the type A_2BC_3 with the zinc blende lattice:

Cu_2GeS_3, Cu_2SnS_3, Cu_2SnSe_3, Cu_2GeSe_3, Cu_2GeTe_3, Cu_2SnTe_3.

Card 1/2

30175

Investigation of the triple S/070/61/006/006/007/008
E132/E135

A satisfactory agreement between the observed and calculated intensities is found corresponding to long-range ordering of the "anions" C and the "cations" A and B in the diamond sub-lattices. Calculation of the superstructure lines of the other type, namely for the ordering in the "cation" lattice of the A and B atoms, gives very low intensities for the lines which are not to be found on the X-ray photographs for any of the six compounds. The lattice parameters, densities, microhardnesses and melting points have been measured for these compounds. It is found that the properties characterising the mechanical and thermal stability of these compounds (microhardness and melting point) increase regularly with decreasing lattice parameter and consequently with bond length (interatom distance).
There are 2 figures, 3 tables and 4 Soviet-bloc references.

ASSOCIATION: Khar'kovskiy gosudarstvennyy universitet im. A.M. Gor'kogo (Khar'kov State University im. A.M. Gor'kiy).
Nauchno-issledovatel'skiy institut osnovnoy khimii (Scientific Research Institute of Fundamental Chemistry)

Card 2/2

SUBMITTED: June 17, 1961

KIMONTT, Aldona, mgr

Authors and subjects in the 40 volumes of "Przeglad Elektrotechniczny". Przegl elektrotechn 40 no.6:255-258 Je '64

1. Secretary of the Editor's Office, "Przeglad Elektrotechniczny", Warsaw.

SOV/84-58-10-47/54

AUTHORS: Prokopov, A., Unit Commander; Kimov, G., Sr Engineer

TITLE: We Are Preserving Our Forests (Berezhem lesnyye bogatstva)

PERIODICAL: Grazhdanskaya aviatsiya, 1958, Nr 10, p. 38 (USSR)

ABSTRACT: The authors describe the technique used in aerial pest control and applied in the forested and mountainous areas of the Crimea. Since the forest preservation measures were begun in 1949, the serviced area increased from 1879 ha to 23,436 ha. Dusting is done at the rate of 200 ha per hour from an An-2 plane (which exceeds the plan), and pest control became 95 - 99% effective. There are 2 photographs.

Card 1/1

KIMOV, M.

KIMOV, M.

City of renowned traditions. Za rul. no.9:6-7 '57. (MLRA 10:9)

1. Nachal'nik avtomotokluba, Krasnodon.
(Krasnodon--Automobiles--Societies)

L 12172-66 EWT(m)/EWA(d)/EWP(t)/EWP(z)/EWP(b) MJW/JD

ACC NR: AP6000178 UR/0148/65/000/009/0184/0186 44 B

44,55 44,55 44,55

AUTHOR: Bidulya, P. N.; Iskakov, S. S.; Kimov, V. S.

44,55

ORG: Moscow Evening Metallurgical Institute (Moskovskiy vechernyy metallurgicheskiy institut)

TITLE: Effect of pressing parameters on the crystallization of steel castings pressed in molten state 44,55,16

SOURCE: IVUZ. Chernaya metallurgiya, no. 9, 1965, 184-186

TOPIC TAGS: metal pressing, molten metal, metal crystallization, die, metal casting

ABSTRACT: The development of a method of producing castings by pressing in molten state (P. N. Budulya, S. S. Iskakov, V. S. Kimov. Liteynoye proizvodstvo, 1956, no. 7) makes it possible to obtain compact castings with a good surface and minimal machining tolerances. In this connection, the authors investigated the effect of such pressing parameters as unit pressure, pressing time, die temperature, metal-pouring temperature, pressing rate, etc., on the crystallization of castings of 45 steel. The sequence of the technological cycle was as follows: Molten steel obtained by remelting in an acid induction furnace with the aid of a chamotte-graphite proportioning crucible heated to 900-1000°C, was poured into a die mounted on the bolster of a hydraulic press, and pressed. The press cross-arm moves at the rate of 20 mm/sec and

Card 1/2 UDC: 621.746.58

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ACC NR: AP6000178

picks up maximum pressure within 13 sec. After corresponding exposure under pressure, the cross-arm with the punch moves upward and the pressed casting is extracted from the die and immediately placed in a heating furnace. In this case, the required critical pressure was determined by varying the load applied from 0 to 20 kg/mm^2, and was found to increase with increasing wall thickness of the billet. It was established that the rate of crystallization under pressure is 3-5 times as high as for free crystallization; this is apparently due to the increased drain of heat due to the elimination of the gap between the walls of die and casting and the increase in the number of the nuclei of crystallization owing to deep supercooling. Die and punch temperatures of up to 150°C considerably increase the solidification rate; any further heating above 200°C, however, hardly affects the required pressing time. A similar effect is produced by the pouring temperature: the limit beyond which the heating temperature of the steel ceases to affect significantly the solidification time of the casting is heating to 80-100°C above the liquidus. Deviations from these rules lead to various kinds of defects. Further, it was established that the pouring of steel into a cold die (20 to 100°C) results in a coarse dendritic structure of the casting, whereas heating of the die to 200-250°C assures a crack-free uniformly fine-grained structure. Orig. art. has: 2 figures.

SUB CODE: 11, 13/ SUBM DATE: 20Feb65/ ORIG REF: 000/ OTH REF: 000

HW

Card 2/2

L 19036-65 EWT(m)/EWA(d)/EWP(t)/EWP(k)/EWP(b) Pf-4 MJW/JD/HW

ACCESSION NR: AP4049070 S/0148/64/000/011/0189/0194

AUTHOR: Bhadya, P. N.; Kimov, V. S.; Ivanov, S. S.

TITLE: The effect of mechanical stress on the primary crystallization and properties of steel

SOURCE: IVUZ. Chernaya metallurgiya, no. 11, 1964, 189-194

TOPIC TAGS: steel crystallization, steel mechanical property, steel casting, steel stamping, grain formation

ABSTRACT: The structural flaws formed in casting of steel 45L were studied experimentally by subjecting cylindrical samples, 240 mm in diameter and 65 mm thick, to treatment in a hydraulic piston press with four types of dies: plane, cylindrical with a 40-mm height, hemispherical, and cylindrical with a 115-mm height. There was no slippage. The mechanical pressure was held constant at 14 kg/mm^2, and the samples were stamped before primary crystallization could take place. The plane-stamped samples still showed bubles and irregular mechanical properties. The cylindrically stamped samples showed a macrostructurally and microstructurally fine, even grain and no separation of elements. The edges of the grain showed no sulfides, phosphides, or blisters. Stamped nuts showed more desirable properties than cast nuts, with equally good grain after crystallization.

Card 1/2

L 19836-65

ACCESSION NR: AP4049076

A rapid heat exchange of cooling metal, nearly ideal contact between stamp and sample, and keeping gases in solution with the solid (which necessitates low working pressures of 3.5-10 kg/mm^2) are among the requirements for maintaining optimal grain formation. If the plane press requires pressures of 15-20 kg/mm^2, the cylindrical presses require only 8-10 kg/mm^2. The physico-mechanical properties of stamped metal are much higher than those of cast or even rolled metal. S. M. Nosyf, A. A. Mishchenko, M. Ya. Bukchin, A. A. Kaspe and V. N. Zhukov also took part in the work. Orig. art. has: 3 diagrams, 3 tables, 1 formula, and 1 photomicrograph.

ASSOCIATION: Moskovskiy vechernyy metallurgicheskiy institut (Moscow Evening Metallurgical Institute)

SUBMITTED: 28Apr64 ENCL: 00 SUB CODE: MM

NO REF SOV: 016 OTHER: 002

Card 2/2

KIMOV, YU. S.

KIMOV, Yu. S. --"Problems of School Discipline in Russian Pedagogics of the Sixties of the Nineteenth Century."*(Dissertations for Degrees in Science and Engineering Defended at USSR, Higher Educational Institutions), Moscow State Pedagogic Inst imeni V. I. Lenin, Moscow, 1955

SO: Knizhnaya Letopis' No. 34, 20 August 1955

* For the Degree of Candidate in Pedagogical Sciences

KIMOVEC, D.

Journal of Applied Chemistry
March 1954
Fibres

D mtl

Printing faults on rayon fabrics. D. Kimovec (*Tekstil*, 1953, 8, No. 5, 260–264; *J. Text. Inst.*, 1955, 44, A715).—Difficulties that arise in roller printing of rayon filament and staple fibre fabrics are discussed. Damage to viscose and cuprammonium fabrics, caused by direct or discharge printing with vat dyes, is studied and attention drawn to the importance of correct steaming.

R. B. CLARK

KINCVEC, D.

Development of the Colloresin process in printing with reduced dyestuffs. p. 103. (ZIGRAF, Vol 4, No. 2, Feb 195[illegible].)

SO: Monthly list of East European Accessions. (EEAI, LC, Vol 4, No. 6, June 1955, Uncl.

KIMOVEC, D.

KIMOVEC, D. Different effects on vat dyestuffs in steaming. . 1095.

Vol. 4, No. 12, Dec. 1955.
TEKSTIL
TECHNOLOGY
Zagreb, Yugoslavia

So: East European Accessions, Vol. 5, May 1956

KIMOVETS D.

YUGOSLAVIA/Chemical Technology - Dyeing and Chemical Processing of Textiles H-34

Abs Jour : Ref Zhur - Khimiya, No 12, 1958, 41955

Author : Kimovets
Inst : —
Title : Mercerization of Products from Viscose Staple Fiber.

Orig Pub : Tekstil, 1956, 5, No 8, 621-627

Abstract : A description of the action of sodium hydroxide solutions of various concentration upon a staple fiber (SF) with admixture of cotton is given. Sodium hydroxide, sp. gr., 1.075-1.18, causes an excessive swelling and destroys SF. The treatment of fabric with solutions of NaOH (sp. gr. 1.036-1.075) increases its affinity for dyes; NaOH (sp. gr. 1.240-1.285) increases fabric density and cotton affinity for dyes. To decrease swelling of SF without the harmful effect of swelling the cotton, KOH and NaCl are used. It is difficult to carry out a

Card 1/2

YUGOSLAVIA/Chemical Technology - Dyeing and Chemical Processing of Textiles H-34

Abs Jour : Ref Zhur - Khimiya, No 12, 1958, 41955

mercerization on cupraammonium SF for it swells considerably worse than cotton or viscose and it is rather difficult to choose the right caustic concentration. The widely encountered defects of mercerized fabric (streaks, spots, and others) are investigated as well as their causes and methods of elimination.

Card 2/2

KIMOVETS, D.

COUNTRY : Yugoslavia
CATEGORY :

H-34

ABS. JOUR. : RZKhim., No. 21 1959, No. 77084

AUTHOR : Kimovec, D.
INST. : Not given
TITLE : Alginates in Textile Printing

ORIG. PUB. : Tekstil, 7, No 11, 960-966 (1958)

ABSTRACT : A review article (discussion of requirements which must be met by thickners; processes for the production of alginates from seaweed; properties of alginate thickners and application of the latter in combination with dyes of various groups). The bibliography lists 8 titles.

D. Kanter

CARD: 1/1

LEPENYE, Gyorgy; KIMPEL, Gabor

Concentration control in the textile industry. Magy textil 15 no.12:555-556 D '63.

1. Textilipari Kutato Intezet.

KIMRYAKOV, N.A.; KORSHUN, L.L.; ZHUKOV, Ye.V.

Finishing round tables with nitro varnishes by coating with hot TK-11. Der. prom. 8 no.8:18-20 Ag '59. (MIRA 12:12)
(Varnish and varnishing) (Furniture industry)

KORSHUN, L.L.; NOTKIN, M.M.; STRADA, V.Yu.; TSVETKOVA, L.F.; KIMRYAKOV, N.A.; USANOVA, A.P., red.

[The "NK" nitrourea coating Nitrokarbamidnaia gruntovka "NK" Moskva. TSentr. nauchno-issl. in-t informatsii i tekhniko-ekon. issledovanii po lesnoi, tselliulozno-bumazhnoi, derevo-obrabatyvaiushchei promyshl. i lesnomu khoz., 1964. 15 p. (MIRA 17:12)

1. Vsesoyuznyy proyektno-konstruktorskiy i tekhnologicheskiy institut mebeli (for Korshun, Notkin, Strada, TSvetkova).
1. Mebel'naya fabrika No.7 Soveta narodnogo khozyaystva Moskovskogo gorodskogo ekonomicheskogo rayona (for Kimryakov).

KIMRYAKOV, V.A.; GERD, M.A.

Naturalist and animal trainer. Mat. v shkole no.4:21-25 Jl-Ag '56.
(MLRA 9:9)

1.Sotrudnik ugolka imeni V.L.Durova (for both).
(Durov, Vladimir Leonidovich, 1863-1934)

KRESTICH, A.K.

Operation of diesel locomotives on prolonged haul distances with trips beyond the limits of the railroad districts. Elek. i tepl. tiaga 5 no.5:12-16 My '61. (MIRA 14:7)

1. Nachal'nik Privolzhskoy dorogi.
(Diesel locomotives)

KIMSTACH, A.K. (Rostov-na-Donu)

Improving passenger service in railroad transportation. Zhel.dor. transp. 44 no.6:24-28 Je '62. (MIRA 15:8)

1. Nachal'nik Severo-Kavkazskoy dorogi.
(Railroads—Management)

KIMSTACH, Aleksandr Karlovich; IVANITSKIY, Nikolay Mikhaylovich; IVANOV, Anatoliy Semenovich; MALAKHOV, K.N., red.

[Transportation service in agriculture; practices in using the Northern Caucasus Railroad] Transportnoe obsluzhivanie sel'skogo khoziaistva; opyt Severo-Kavkazskoi zheleznoi dorogi. Moskva, Transport, 1964. 190 p.
(MIRA 17:12)

KIMSTACH, A.K. (Rostov-na-Donu)

New aspects of passenger service. Zhel. dor. transp. 47 no.6: 13-17 Je '65. (MIRA 18:6)

1. Nachal'nik Severo-Kavkazskoy dorogi.

KIMSTACH, A.K. (Rostov-na-Donu)

Transportation servicing in agriculture. Zhel.dor.transp. 46 no.6:10-16 Je '64. (MIRA 18:1)

1. Nachal'nik Severo-Kavkazskoy dorogi.

KIMSZAL, K., mgr inz.; KOBUS, St., mgr inz.

Open letter of the Executive Board of the Telecommunication Section of the Main Executive Board of the Association of Polish Electrical Engineers. Przegl telekom 34 no.9:292 S '61.

1. Prezes Sekcji Telekomunikacyjnej przy Zarzadzie Glownym Stowarzyszenia Elektrykow Polskich, Warszawa (for Kimszal). 2. Sekretarz Sekcji Telekomunikacyjnej przy Zarzadzie Glownym Stowarzyszenia Elektrykow Polskich, Warszawa (for Kobus).

MUSZYNSKI, Zbigniew, prof.; KIMSZAL, Kazimierz, inz.; CZARNOWSKI, Edmund, mgr inz.; SWIETORZECKA, A., mgr inz.; SACZUK, Boleslaw, mgr inz.; DABROWSKI, St., mgr inz.

On the activities of the scientific and technical association. Przegl techn no.41:3,4 14 O '62.

1. Chairman of the Main Administration of the Association of Polish Mechanical Engineers and Technicians, Warsaw (for Muszynski). 2. Secretary General of the Main Administration of the Association of the Polish Electrical Engineers (for Kimszal). 3. Chairman of the Provincial Communicative Committee of the Central Technical Organization, Warsaw (for Czarnowski). 4. Secretary General of the Association of Engineers and Technicians of the Food Industry, Warsaw (for Swietorzecka). 5. Chairman of the Main Administration of the Association of Forestry and Lumber Engineers and Technicians, Warsaw (for Saczuk). 6. Secretary General of the Association of Polish Textile Workers, Lodz (for Dabrowski).

KIMSZAL, Kazimierz, mgr inz.

Festival of Soviet electrical engineering in Poland. Przegl techn [84] no.9:1, 6 3 Mr '63.

KIMSZAL, Kazimierz, mgr inz.

Conference of general secretaries of the federation of scientific and technical associations from countries of people's democracy. Przegl techn 85 no.26:10 28 Je'64.

KIMSZAL, Kazimierz, mgr inz.

Twenty years work of the Central Technical Organization and scientific and technical associations. Przegl techn 85 no.33:4 16 Ag'64.

1. Secretary General, Central Technical Organization, Warsaw.

KIMSZAL, Kazimierz, mgr inz.

Certain tasks of the Central Technical Organization in 1964.
Przegl techn 85 no.6:3 9 F'64.

1. Sekretarz Generalny Naczelnej Organizacji Technicznej, Warszawa.

KIMYAGAROV, Ya.M.

Single-stage myoplasty of supralovar caverns from an axillary approach. Zdrav. Tadzh. 7 no.1:25-28 Ja-F '60. (MIRA 13:5)

1. Zaveduyushchiy khirurgicheskim otdelom Respublikanskoy tuberkuleznoy bol'nitsy (glavnyy vrach Kh.A. Rasulov).
(LUNGS--SURGERY)

YATSOZHINSKIY, Yu.D.; KIMYAGAROV, Ya.E.; KRAULIS, V.Yu.; RASULOV, Kh.A.

Results of 100 resections of the lungs. Zdrav. Tadzh. 8 no.6:10-13 N-D '61. (MIRA 15:1)

1. Iz kafedry tuberkuleza Tadzhikskogo meditsinskogo instituta imeni Abuali ibni Sino i Respublikanskoy klinicheskoy tuberkuleznoy bol'nitsy Tadzhikskoy SSR.
(LUNGS—SURGERY)

YATSOZHINSKIY, Yu.D.; KIMYAGAROV, Ya.E.

Surgical treatment of pulmonary hemorrhage. Zdrav. Tadzh. 8 no.6: 14-16 N-D '61. (MIRA 15:1)

1. Iz kafedry tuberkuleza (zav. Yu.D.Yatsozhinskiy) Tadzhikskogo meditsinskogo instituta imeni Abuali ibni Sino i khirurgicheskogo otdeleniya Respublikanskoy klinicheskoy tuberkuleznoy bol'nitsy (glavnyy vrach Kh.A.Rasulov) Tadzhikskoy SSR.
(HEMORRHAGE) (LUNGS--SURGERY)

KIMYAGAROV, Ya.E.

Use of extrapleural pneumo- and oleothorax according to broadened indices. Zdrav. Tadzh. 8 no.6:17-21 N-D '61. (MIRA 15:1)

1. Iz kafedry tuberkuleza (zav. Yu.D.Yatsozhinskiy) Tadzhikskogo meditsinskogo instituta imeni Abuali ibni Sino i Respublikanskoy klinicheskoy tuberkuleznoy bol'nitsy (glavnyy vrach Kh.A.Rasulov) Tadzhikskoy SSR.
(PNEUMOTHORAX) (LUNGS--SURGERY)

YATSOZHINSKIY, Yu.D.; KIMYAGAROV, Ya.E.; MURADOV, M.K.

Single-stage double-sided resection of the lungs in tuberculosis. Zdrav. Tadzh. 8 no.6:31-33 N-D '61. (MIRA 15:1)

1. Iz kafedry tuberkuleza (zav. - dotsent Yu.D.Yatsozhinskiy) Tadzhikskogo meditsinskogo instituta imeni Abuali ibni Sino i Respublikanskoy klinicheskoy tuberkuleznoy bol'nitsy (glavnyy vrach - Kh.A.Rasulov) Tadzhikskoy SSR.
(TUBERCULOSIS) (LUNGS--SURGERY)

NESIS, A.I.; KIN, A.A.; SHNAYDMAN, L.M.; PENS, F.G.

X-ray and pathomorphological comparisons between cardiac changes in anthracosilicosis. Izv. AN Kazakh. SSR. Ser. med. nauk 11 no. 2:50-55 '64. (MIRA 17:7)

GAUPTMAN, Ye.I., inzh.; KIN, A.M., inzh.

Eliminating water inflows in shafts. Shakht. stroi. 6 no.6:17-21 Je '62. (MIRA 15:6)

1. Belorusskoye shakhtoprokhodcheskoye upravleniye tresta Shakhtspetsstroy.

(Mine water)

GAUPTMAN, Ye.I., inzh.; KIN, A.M., inzh.

Rapid shaft supporting. Shakht. stroi. 6 no.10:26-28 O '62. (MIRA 15:9)

1. Belorusskoye stroitel'noye shakhtoprokhodcheskoye upravleniye tresta Shakhtspetsstroy.

(Mine timbering)

KIN, B., polkovnik intendatskoy sluzhby; GRISHIN, A., polkovnik intendatskoy sluzhby; GRITSYNIN, N., podpolkovnik intendantskoy sluzhby

Strengthen business accounting. Tyl i snab. Sov. Voor. Sil 21 no.12:54-58 D '61. (MIRA 15:1)
(Accounting)

KIN, E.A., inzh.

Calculation of optimum feedwater temperature with variable operation of turbine systems. Sbor. nauch. soob. SPI no.17: 39-40 '62. (MIRA 17:6)

VYAZENKIN, G.N.; KIN, K.F.

Transient processes in a gauging device for the cyclic measurement of oil well output. Neftepromdelo no.11:29-32 '63. (MIRA 17:3)

1. Oktyabr'skiy filial Vsesoyuznogo nauchno-issledovatel'skogo i proyektno-konstruktorskogo instituta kompleksnoy avtomatizatsii neftyanoy i gazovoy promyshlennosti.

KIN, S.

"ELEMENTARNAYA RADIOTEKHNIKA" (Basic Radio Engineering)
GOSENERGOIZDAT, 1951

8(6) SOV/112-59-5-8580

Translation from: Referativnyy zhurnal. Elektrotekhnika, 1959, Nr 5, p 25 (USSR)

AUTHOR: Andryushchenko, A. I., Kin, E. A., and Il'in, A. V.

TITLE: Methods for Thermodynamic Design of the Optimum Parameters of the Heat Scheme of High-Power Reheating-Type Steam Turbines

PERIODICAL: Nauchn. soobshch. Saratovsk. avtomob.-dor. in-t, 1957, Nr 10, p 79, ill.

ABSTRACT: With specified initial steam parameters, reheating temperatures, and condenser pressure, the choice of optimum thermal layout depends on the selection of optimum reheat-steam pressure, regenerative feed-water heating, the number of reheaters, and the heating distribution among them. Analytical formulae are presented which are derived from the first and second thermodynamics laws; the working capacity of heat and the working agent are determined, as well as heat losses in the actual irreversible processes. These formulae permit selecting an optimum ratio between the parameters in question,

Card 1/2

Methods for Thermodynamic Design of the Optimum Parameters of the Heat . . . .

e.g., between the feed-water temperature, the pressure, and the number of reheating stages. After the thermodynamically optimum solution has been found, alternate calculations of the thermal layout should be made if necessary.

S.A.P.

ANDRYUSHCHENKO, A.I., prof.doktor tekhn.nauk; KIN, E.A., inzh.

Intermediate superheating of steam in heat producing installations. Izv. vys.ucheb.zav.; energ. no.12:69-77 D '58. (MIRA 12:3)

1. Saratovskiy avtomobil'no-dorozhnyy institut.
(Heat engineering)

KIN, E.A., inzh.

Calculating the optimum location for the feeding pump in the layout for regenerative heating of feed water. Izv.vys.ucheb. zav.; energ. 3 no.5:90-98 My '60. (MIRA 13:6)

1. Saratovskiy avtodorozhnyy institut. Predstavlena kafedroy teploenergetiki.
(Pumping machinery) (Steam turbines)

Name: KIN, S.E.

1949 Izdatva Gos. uneg. izd. V.
253 p.

Author of book, "ABC's, of Radio Engineering." This book has been translated into the Georgian language and edited by engineer D.KHINADASHVILI. The topics covered are: electric oscillations, capacitance, self-inductance, resonance, sound, radiation and propagation of electromagnetic waves, radio-telephone, modulation, detection of modulated signals, receivers and tubes.

REF: R. F. #11, p.62, 1938
REF: R. F. #13, p.63, 1938

BAGRAMOV, R.A.; KIN, Yu.B.

Mechanism for by-pass and fastening the stationary drilling-line branch. Mash. i neft. obor. no.6:14-17 '65. (MIRA 18:7)

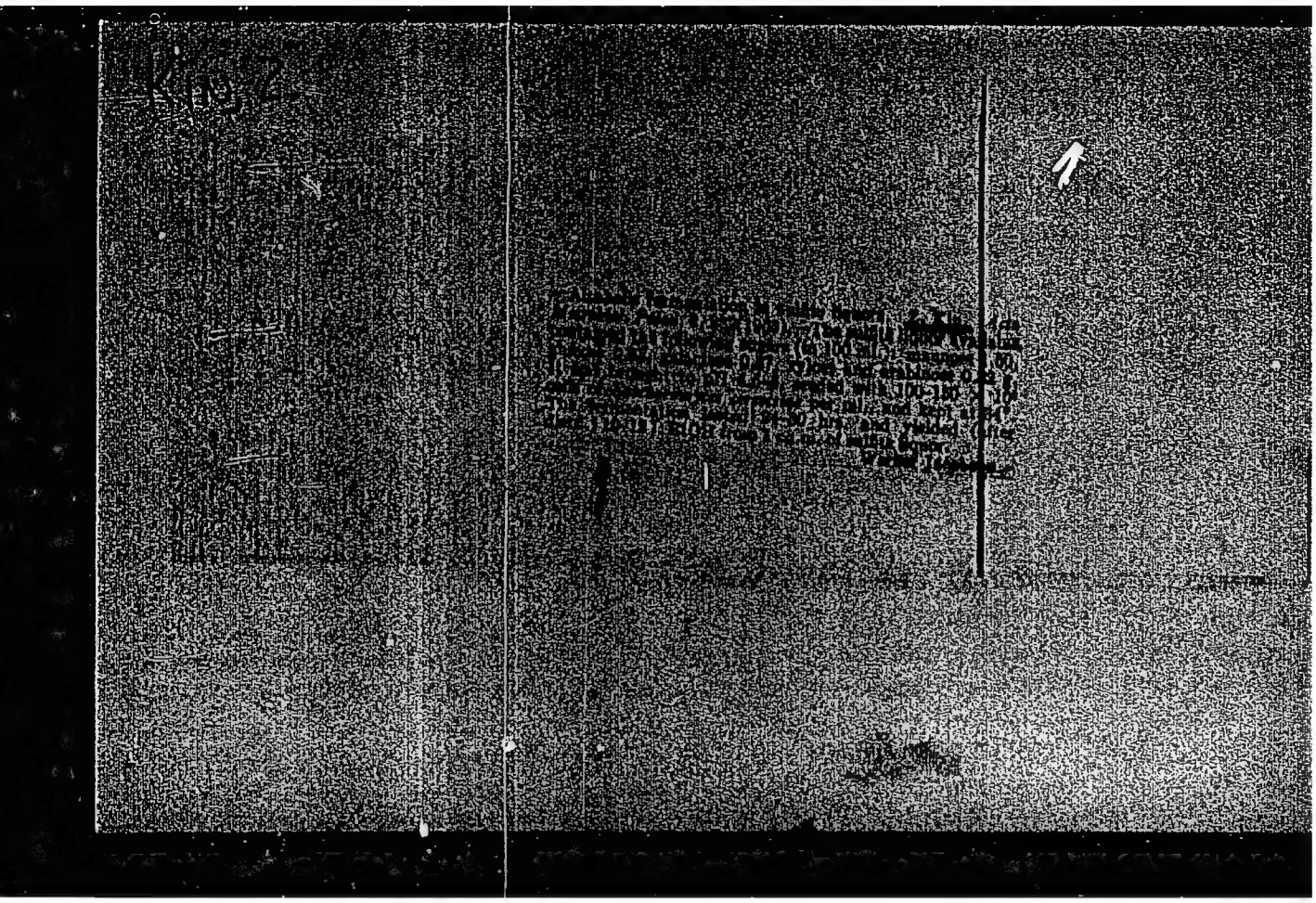
1. Gosudarstvennyy nauchno-issledovatel'skiy i proyektnyy institut neftyanogo mashinostroyeniya.

ZYGMUNT Kin

(2)

Cation exchangers from lignosulfonic acids. Zygmunt Kin. *Prace Inst. Celulos. Papier.* 2, No. 2, 12–33(1953); cf. *C.A.* 47, 8307a.—Two lab. methods of producing cation exchangers (I) from lignosulfonic acids (*LSA*) contained in fermented spent sulfite liquor are: condensing *LSA* in the presence of a catalyst (H_2SO_4); or condensing *LSA* with aldehydes. The properties of various types of I produced in this way were found satisfactory and their usefulness in *softening water* and demineralization of *LSA* was confirmed.

T. D. Z...



POL.

Kin Z. Obtaining Cation Exchangers from Lignosulphonic Acids.

Otrzymywanie kationitów z kwasów lignosulfonowych". (Prace Celuloz.-Papiern. N. 1), Warszawa, 1952, PWT, 15 pp., 15 figs., 21 refs.

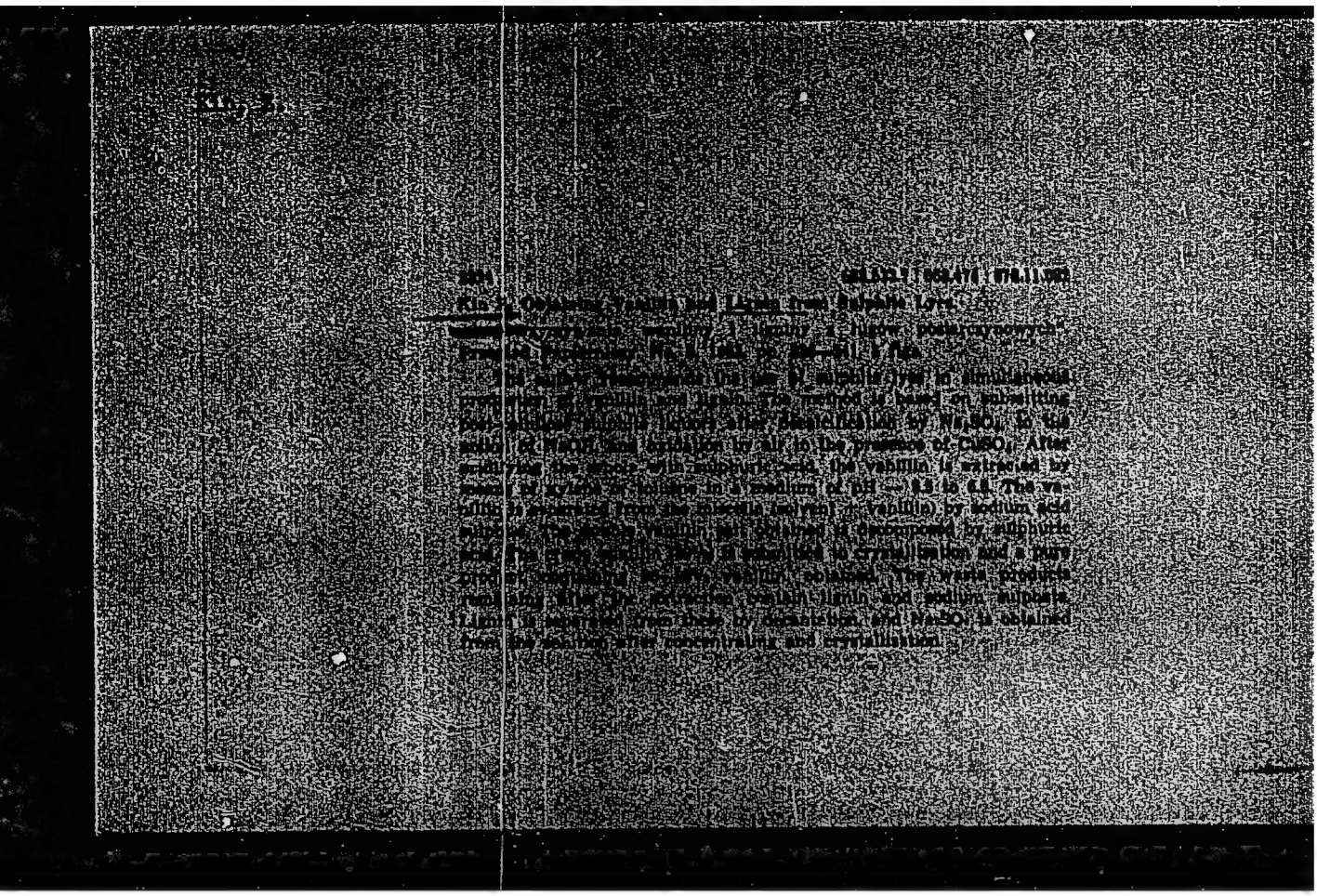
The author developed laboratory methods for obtaining cation exchangers from lignosulphonic acids present in the sulphite spent liquor in the post-fermentation stage (spent wash). Two means of proceeding with the synthesis of the product were established: 1) direct separation and catalytic condensation of lignosulphonic acids; 2) condensation with aldehydes. The properties of various types of cation exchangers so obtained were investigated and their usefulness proved for such technical purposes as softening water, demineralising sulphite waste liquor etc. The economic advantages of the method described are indicated in view of the availability of initial material.

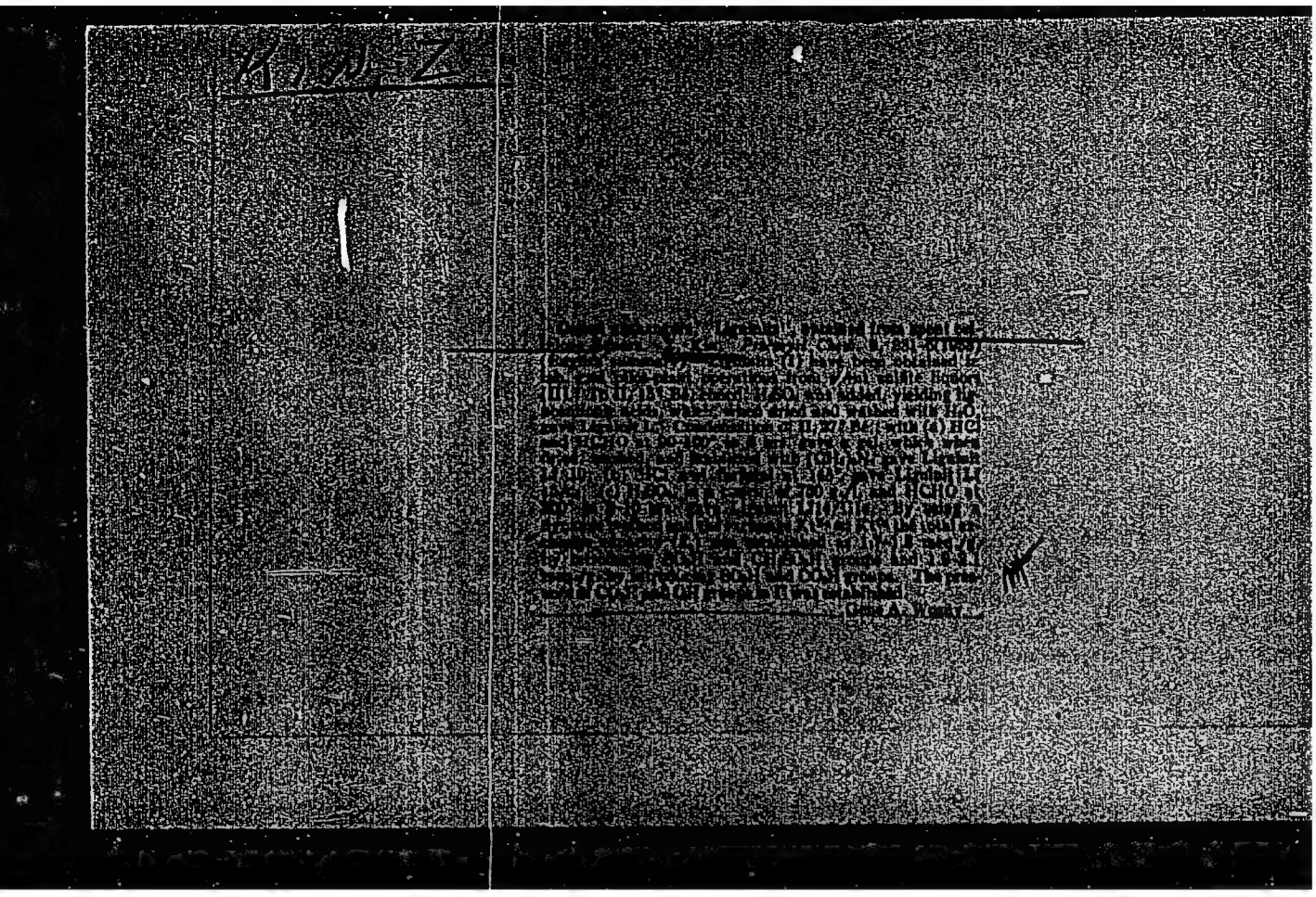
rUL. - KIN, 2.

Kim Z. Investigations of the Properties of Cation Exchangers -- Lignit -- Obtained from Spent Cellulose Lye.

„Badania własności ligninu-kationitu otrzymanego z ługów poceluozowych". Przemysł Chemiczny, No. 8, 1953, pp. 321-326, 3 figs., 11 tabs.

Cation exchangers called „lignitite" were obtained on the laboratory and pilot plant scale from spent sulphite lye from the cellulose industry. Four different types of „lignitite" were investigated, using the dynamic method and the exchange $K^{+}_{Na} \rightleftarrows K^{+}_{Ca}$. Experiments established the multifunctional character of cation exchangers (groups $-CH_2SO_3H$, $-COOH$, $-OH$). By introducing the groups $-SO_3H$ and $-CH_2SO_3H$, the total exchange capacity (Z_c) amounts to 1.7—1.8 mval/g. By introducing the groups $-SO_3H$ and $-COOH$ the value of 1.9—2.7 mval/g was obtained.

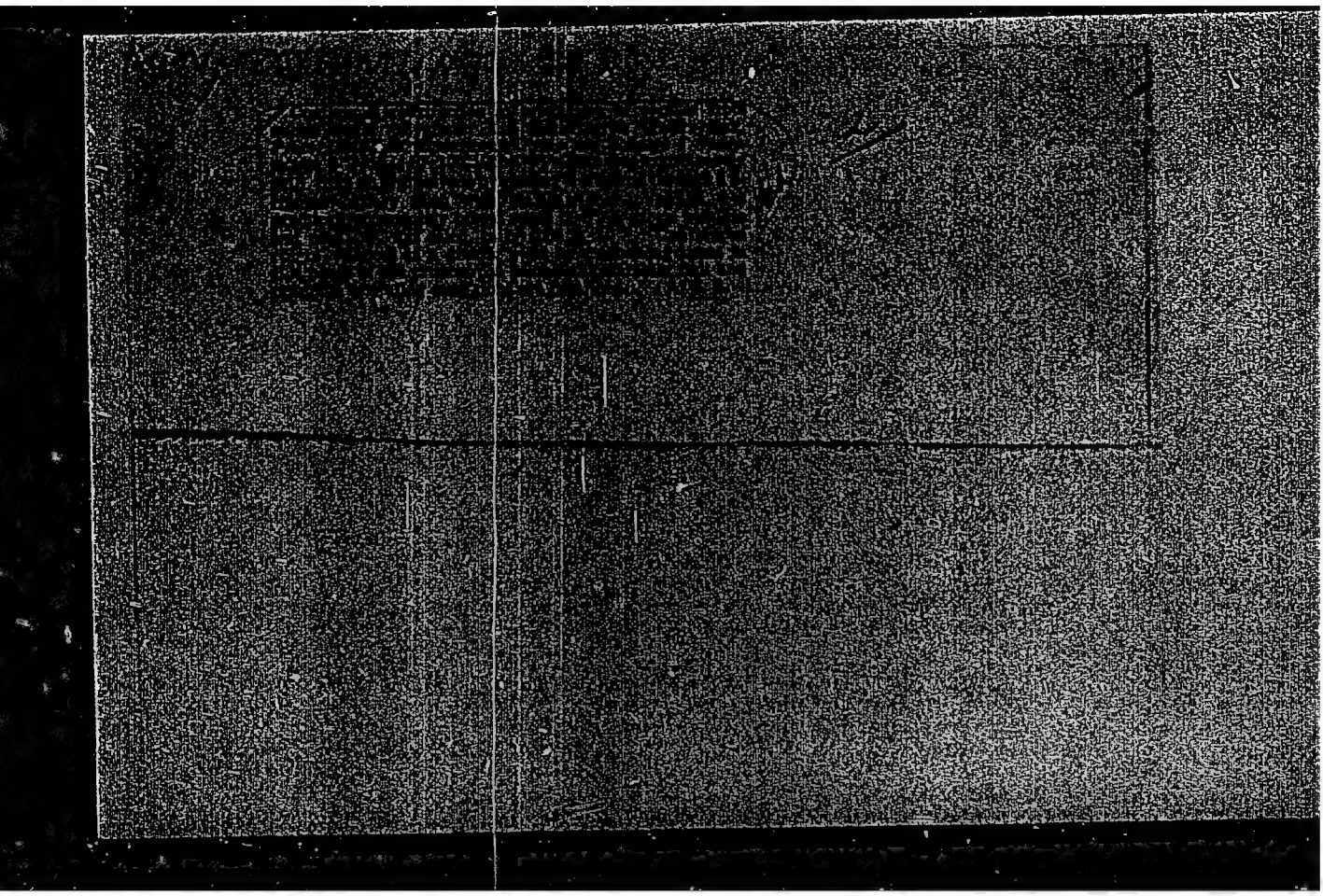


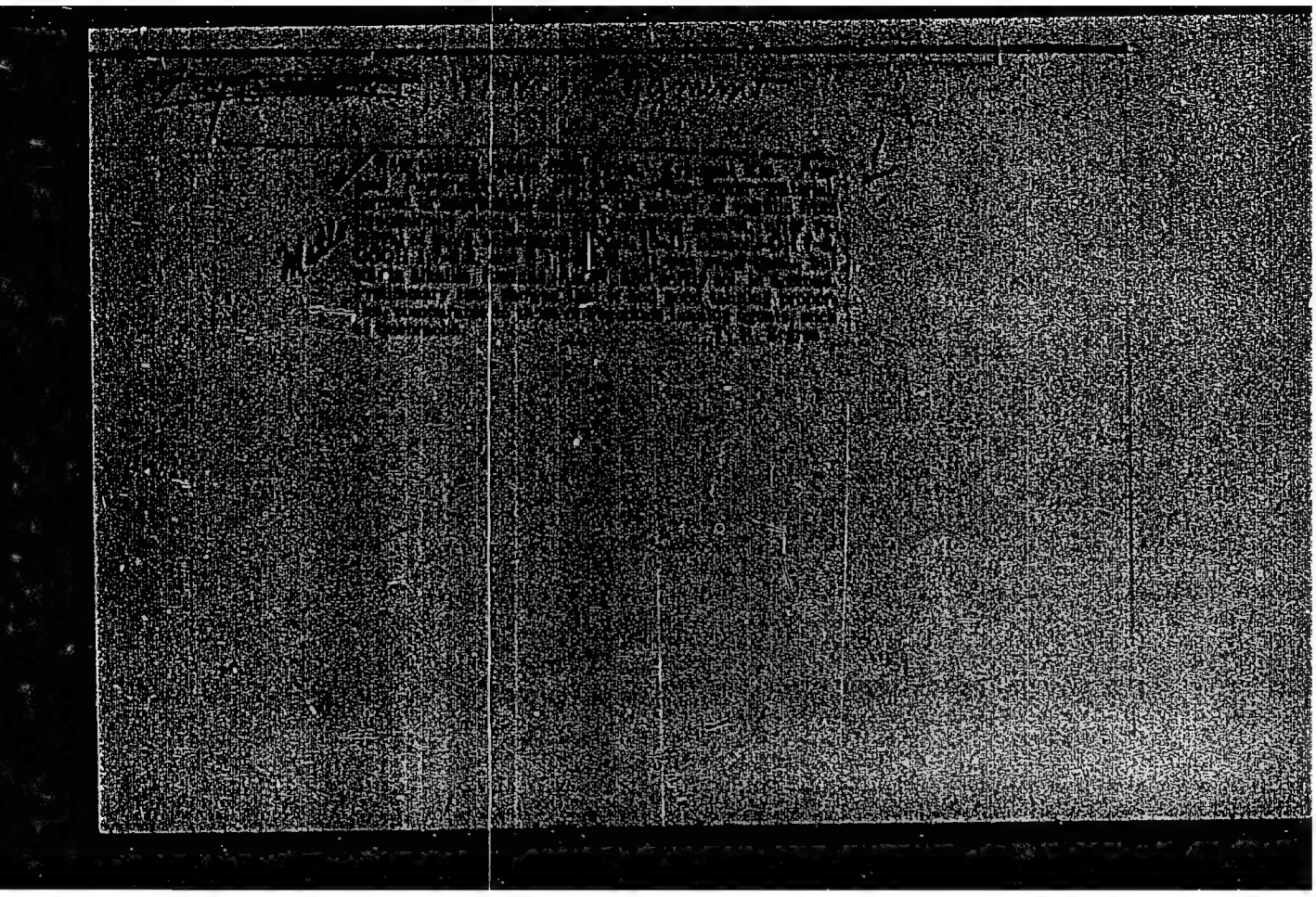


Kin, Zygmunt

CH Vanillin adsorption from aqueous solutions. Zygmunt Kin and Henryk Wawrzyniak (Zakład Aromatów CIPRIS, Warsaw). *Prace Głównego Inst. Przemysłu Rolnego i Spożywczego* 4, No. 3, 60–9(English summary).—An aq. soln. of vanillin (I) was shaken at 30° with lignin (II) or active carbon (III). II adsorbs 14% of its wt. of I, as compared to a 45% adsorption by III. Thus from pure solns. one would never adsorb with II, but II becomes attractive as an adsorbent in the acid hydrolyzate that can be prepd. from spent sulfite liquors, because II is available in cellulose processing plants. The adsorption depends greatly upon the acidity. The optimum acidity is 11.4 (ml. of 0.1*N* NaOH per 2 ml. of soln.), at which even larger amts. of SO_4, Na_2SO_4, or $CaSO_4$ will not interfere. The adsorbed I can be eluted from the II with one of the following solvents: MeOH; trichloroethylene (IV); C_6H_6; mixt. of C_6H_6 and IV 1:1; mixt. of C_6H_6 and MeOH 1:1; mixt. of MeOH and IV 1:1. By this adsorption and elution 80–90% of the I present can be recovered. W. L.

(1)





KIN, Zygmunt, dr. inz.; WORONIK, Genowefa, inz.; BETTO, Teresa, mgr.

Application of carboxymethylcellulose in the production of printing paper. Przegl papier 18 no.7:215-218 Jl '62.

1. Wloclawskie Zaklady Celulozowo-Papiernicze, Wloclawek.

KINA, S. PA 20T69

USSR/Radio, Amateur Apr 1946
Radio - Training Manuals

"How to Start," I. I. Spizhevskiy, 1 pp

"Radio" No 1

S. Kina has published "The Primer for Radio Technique," which should be of great value to all beginner amateurs, who are in doubt whether to start by buying a set and then acquiring technical knowledge or whether to study the techniques of radio and then build a set.

PA 20T69

USSR/Biology - Physiology FD-2254

Card 1/1 Pub 17-5/20

Author : Kinadze, V. D.

Title : Some physiological data on interoception of the abdominal aorta

Periodical : Byul. eksp. biol. i med. 3, 19-26, Mar 1955

Abstract : Investigated variations in blood pressure resulting from a mechanical stimulus (pressure) on the walls of the abdominal aorta in an anesthetized and laparotomized dog. Graphs. No references

Institution: Scientific-Research Institute for Blood Transfusion imeni Mukhadze of the Ministry of Health, Georgian SSR

Submitted : May 15, 1954 by V. N. Chernigovskiy, Member of the Academy of Medical Sciences USSR

KINALSKA, Ida; PIETRUSKI, Jan

Value of the proline test in the diagnosis of pancreatic diseases. Pol. tyg. lek. 20 no.27:1006-1008 5 Jl '65.

1. Z II Kliniki Chorob Wewnetrznych AM w Bialymstoku (Kierownik: prof. dr. med. Jakub Chlebowski) i z Oddzialu Gruzlicy Dziecicej Woj. Szpitala im. J. Snadeckiego w Bialymstoku (Ordynator: lek. med. St. Oldak).

KINAREV, Ivan, k. t. n., inzh.

Extinction and self-extinction of energy of the overflows and basal discharge in the dams, and water conjugation at the meeting of the jets at the lower section of water level. Godishnik Inzh stroit inst 13 no.1:221-251 '61.

KINAROV, M., inzh.

Some results from the study of the VPT-50-4-type chimneyless-chamber steam turbine. Elektroenergiia 15 no.4:10-14 Ap '64.

KINAROV,M., inzh; TSVETANSKI, A., inzh; IANCHEV, K., inzh; GEORGIEV, Vl. inzh.

The first 150-megawatt blocks installed in Bulgaria. Elektroenergiia 15 no.5:14-19 My-64

KINAROV, M., inzh.; MUMDZHIIAN, G., inzh.

The condensation system of the Sofia Thermoelectric Plant. Elektroenergiia 13 no.12:12-15 D '62.

KINAREVEVSKIY, A.L.

VOZNYY, Georgiy Fedorovich; KINAREVEVSKIY, A.L., otvetstvennyy red.; ANDREYEV, S.P., tekhn.red.

[Improving methods of jigging and centrifuging coal in dressing plants] Usovershenstvovanie protsessov otsadki i tsentrifugirovaniia uglia na ugleobogatitel'nykh fabrikakh. Khar'kov, Gos.nauchno-tekhn. izd-vo lit-ry po chern. i tsvetnoi metallurgii, 1957. 59 p. (MIRA 10:12)

(Coal preparation)

YEMEL'YANOV, Dmitriy Sidorovich; TOPORKOV, V.Ya., kand.tekhn.nauk, retsenzent; KINAREYEVSKIY, A.L., retsenzent; VESSEL'MAN, S.G., prof., otv.red.; PASHCHINSKAYA, G.N., red.; CHERNYSHENKO, Ya.T., tekhn.red.

[Theoretical principles of the flotation of coal] Teoreticheskie osnovy flotatsii kamennykh uglei. Khar'kov, Izd-vo Khar'kovskogo ordena Trudovogo krasnogo znameni gos.univ. im. A.M.Gor'kogo, 1958. 289 p. (MIRA 12:4)

1. Zaveduyushchiy laboratoriyey obogashcheniya ugley Ukrainskogo nauchno-issledovatel'skogo ugle-khimicheskogo instituta (for Toporkov). 2. Zaveduyushchiy otdelom obogashcheniya ugley instituta Yuzhgiproshakht (for Kinareyevskiy).
(Coal preparation) (Flotation)

ANDRES, U.TS., kand. tekhn. nauk; KINAREYEVSKIY, V.A., inzh.; BUNIN, G.M., inzh.

Magnetohydraulic separation of small coal in uniform and nonuniform magnetic fields. Ugol' 40 no.8:70-72 Ag '65. (MIRA 18:8)

KHALACHEV, Georgi, inzh.; KINAROV, Minko, inzh.

Steam turbine VPT-50-4 of the Maritsa-Iztok I. Thermoelectric Plant. Elektroenergiia 13 no.5/6:41-43 My-Je '62.

KINAROV, M., inzh.

Conference on fast starting of boilers and turbines.
Elektroenergiia 13 no.11:28-30 N '62.

ANDREE, Andrei, inzh.; KINAROV, Minko, inzh.

New differential manometers for high and superhigh pressures.
Elektroenergiia 13 no.11:22-24 N '62.

KINAROV, M., inzh.; KHALACHEV, G., inzh.; SAVOV, N.

Studies on the feeding pumps in the "Maritsa-Iztok I".
Elektroenergiia 15 no. 2: F'64.

KINAROV, Ya.P.

Coronaritis caused by rheumatic fever. Vrach.delo no.6:643 Je '59.
(MIRA 12:12)

1. Kafedra terapii usovershenstvovaniya vrachey No.2 Voyenno-meditsinskoy ordena Lenina akademii im. S.M. Kirova. (Nachal'nik kafedry - prof., general-mayor meditsinskoy sluzhby G.A. Smagin).
(RHEUMATIC FEVER) (CORONARY VESSELS--DISEASES)

KINAS, V., sportsman i-go razryada (g. Rovno)

Unfortunately, we do not have it that way. Kryl.rod. 13 no.2:21 F '62. (MIRA 15:1)

(Rovno—Gliding and soaring)

OZHITSKIY, S.Z., prof.; GERMANYUK, Ya.L., dots.; GOLOVATSKIY, I.D., kand. biol.nauk; KIWASH, A.S., aspirant

Insulin in diseases of the alimentary canal in cattle. Veterinariia 35 no.9:77-78 S '58. (MIRA 11:9)

1. L'vovskiy zooveterinarnyy institut i Institut zemledeliya i zhivotnovodstva zapadnykh rayonov USSR.
(Insulin) (Cattle--Diseases and pests)

KINASH, A. S., Cand of Bio Sci -- (diss) "Indicies of the Fat Exchange of xxx Large-Horned Cattle During the Disease of the Gastro-Intestinal Tract and During Treatment with Insulin and Insulin with Glucose," L'vov, 1959, 16 pp (L'vov Zooveterinary Institute) (KL, 2-60, 11L)

KINASH, A.S., kand.biolog.nauk

Effect of insulin on the ketones in the blood and urine of cows.
Visnyk sil'hosp.nauky 4 no.8:113-116 Ag '61. (MIRA 14:7)

1. L'vovskiy zooveterinarnyy institut.
(Insulin—Physiological effect) (Ketones)
(Cows—Physiology)

KINASH, T.

We are studying the economy and finances of collective farms. Den. i kred. 20 no.9:63-64 S '62. (MIRA 15:9)

1. Upravlyayushchiy Artemovskim otdeleniyem Gosbanka Donetskoy oblasti.
(Artemovsk District—Banks and banking)
(Artemovsk District—Collective farms—Auditing and inspection)

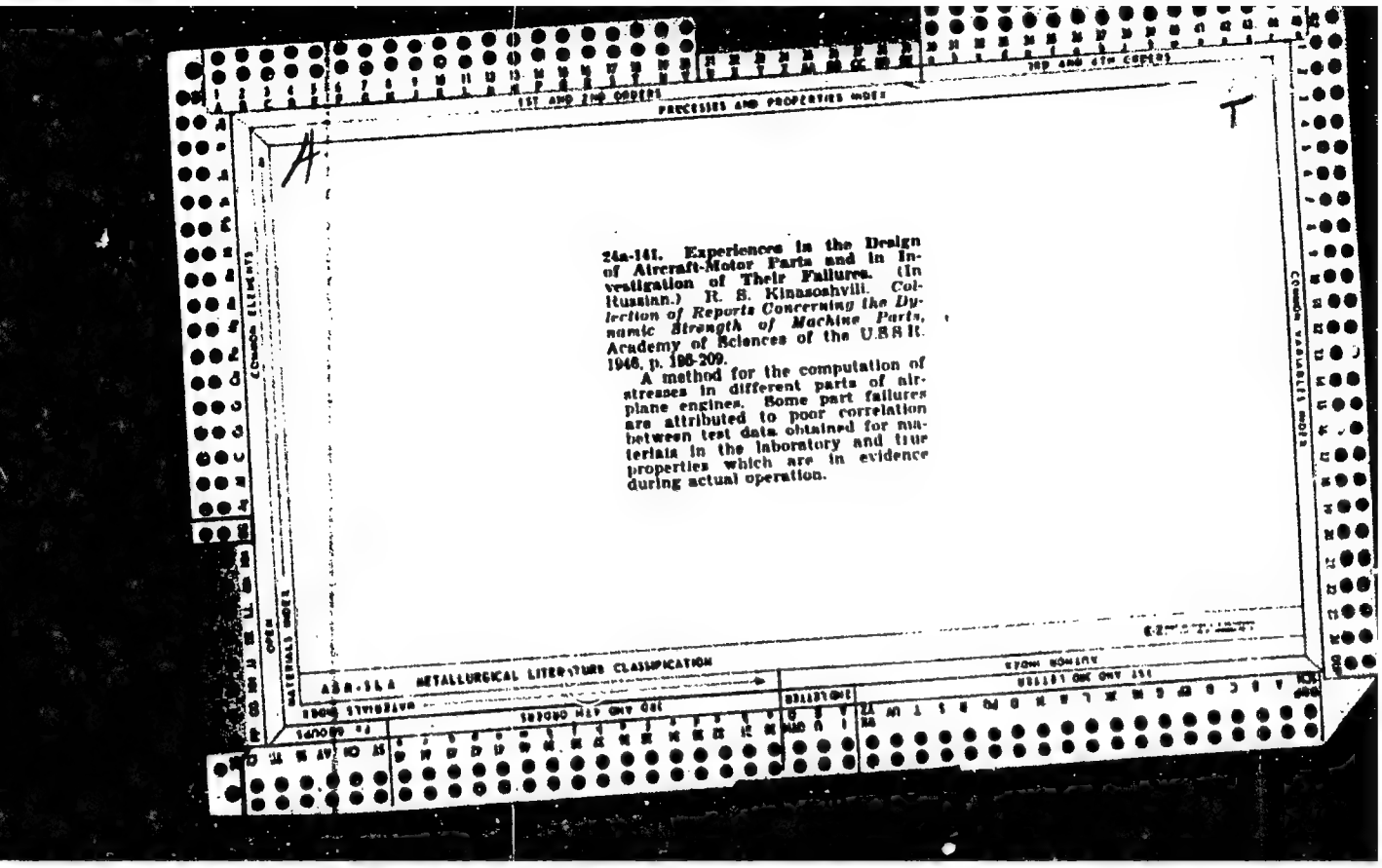
KINASOSHVILI, R.S.

K opredeleniiu nagruzok, deistvuishchikh na podshipniki kolenchatykh valov zvezdoobraznykh dvigatelei. (Tekhnika vozdushnogo flota, 1941, v. 15, no.2, p.44-50, illus., tables, diagrs.)

Title tr.: Determination of loads acting on crank-shaft bearings of radial engines.

TL504.T4 1941

SO: Aeronautical sciences and Aviation in the Soviet Union, Library of Congress, 1955.



24a-141. **Experiences in the Design of Aircraft-Motor Parts and in Investigation of Their Failures.** (In Russian.) R. S. Kinasoshvili. *Collection of Reports Concerning the Dynamic Strength of Machine Parts*, Academy of Sciences of the U.S.S.R. 1948, p. 198-209.

A method for the computation of stresses in different parts of airplane engines. Some part failures are attributed to poor correlation between test data obtained for materials in the laboratory and true properties which are in evidence during actual operation.

KINASOSHVLI, R.S., i M.IA. KUSHUL'.

Opredelenie usilii, deistvuiushchikh v kolenchatykh valakh. (In: Serensen, S V.Dinamika i prochnost' kolenchatykh valov. Moskva, 1948. p.350-372, illus., tables, diagrs., bibliography)

Title tr.: Determination of strain in crankshaft.

TJ182.S4

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of Congress, 1955.

KIMASHOSHVILI, R.S. and M.IA. KUSHUL'.

Raschet na prochnost' kolenchatykh valov aviatsionnykh dvigatelei. (In: Serensen, S.V. Dinamika i prochnost' kolenchatykh valov. Moskva, 1948. p.398-421, illus., tables, dia rs., bibliography)

Title tr.: Strength calculation of aircraft engine crankshafts.

TJ182.S4

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of Congress, 1955.

KIMASOSHVILI, R.S.

BABKIN, S.I., kandidat tekhnicheskikh nauk; [illegible], B.S., professor, doktor tekhnicheskikh nauk; BEYZEL'MAN, R.D., inzhener; BELYAYEV, V.N., kandidat tekhnicheskikh nauk; BIRGER, I.A., kandidat tekhnicheskikh nauk; BOGUSLAVSKIY, P.Ye., kandidat tekhnicheskikh nauk; BOROVICH, L.S., kandidat tekhnicheskikh nauk; VOL'MIR, A.S., professor, doktor tekhnicheskikh nauk; GONIKBERG, Yu.M., inzhener; GORODETSKIY, I.Ye., professor, doktor tekhnicheskikh nauk; GORDON, V.O., professor; DIMENTBERG, F.M., kandidat tekhnicheskikh nauk; DOSCHATOV, V.V., inzhener, IVANOV, A.G., kandidat tekhnicheskikh nauk; KIMASOSHVILI, R.S., professor; KODNIR, D.S., kandidat tekhnicheskikh nauk; KOLONITTSEV, A.A., kandidat tekhnicheskikh nauk; KRUTIKOV, I.P., kandidat tekhnicheskikh nauk; KUSHUL', M.Ya., kandidat tekhnicheskikh nauk; LEVENSON, Ye.M., inzhener; MAZYRIN, I.V., inzhener; MALININ, N.N., kandidat tekhnicheskikh nauk; MARTYNOV, A.D., kandidat tekhnicheskikh nauk; NIBERG, N.Ya., kandidat tekhnicheskikh nauk; NIKOLAYEV, G.A., professor, doktor tekhnicheskikh nauk; PETRUSEVICH, A.I., doktor tekhnicheskikh nauk; POZDNYAKOV, S.N., dotsent; POMAKOREV, S.D., professor, doktor tekhnicheskikh nauk; PRIGOROVSKIY, N.I., professor, doktor tekhnicheskikh nauk; PROKIN, B.A., kandidat tekhnicheskikh nauk; RESHETOV, D.N., professor, doktor tekhnicheskikh nauk; SATEL', E.A., professor, doktor tekhnicheskikh nauk; SERENSEN, S.V.; SLOBODKIN, M.S., inzhener; SPITSYN, N.A., professor, doktor tekhnicheskikh nauk; STOKMAN, G.B., kandidat tekhnicheskikh nauk; TAYTS, B.A., kandidat tekhnicheskikh nauk; TETEL'BAUN, I.M., kandidat tekhnicheskikh nauk; UMANSKIY, A.A., professor, doktor tekhnicheskikh nauk; FEODOS'YEV, V.I., professor, doktor tekhnicheskikh nauk;

(Continued on next card)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722530005-7"

BABKIN, S.I.--- (continued) Card 2.
KHAYT, D.M., kandidat tekhnicheskikh nauk; LYUBIMOV, V.Ya., kandidat tekhnicheskikh nauk; SHRAYBER, M.M., inzhener, nauchnyy redaktor; SHEDROV, V.S., kandidat tekhnicheskikh nauk, nauchnyy redaktor; TSVETKOV, A.F., dotsent, nauchnyy redaktor; SLESARENKOV, G.I., inzhener, nauchnyy redaktor; MARKUS, M.Ye., inzhener, nauchnyy redaktor; KARGANOV, V.G., inzhener, nauchnyy redaktor; ACHERKAN, N.S., doktor tekhnicheskikh nauk, professor, redaktor; SOKOLOVA, T.F., tekhnicheskiy redaktor

[Manual of machinery manufacture] Spravochnik mashinostroitelia; v trekh tomakh. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit. lit-ry. Vol.3. 1951 1099 p. (MLRA 10:9)

1. Deystvitel'nyy chlen Akademii nauk USSR (for Serensen)
(Machinery)

KINASOSHVILI, R. S.

Strength of Construction Elements

Dissertation: -- "Calculation for Strength of the Disks of Turbodynamos." Dr Tech Sci /no institute affiliation given/, 1953. (Referativnyy Zhurnal -- Mekhanika, Moscow, Mar 54)

SO: SUM 213, 20 Sep 1954

SOV/124-58-11-13105

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 11, p 176 (USSR)

AUTHOR: Kinasoshvili, R.S.

TITLE: Determination of Stresses in Gas-turbine Disks and Consideration on Their Plastic Deformation (Opredeleniye napryazheniy v diskakh gazovykh turbin s uchetom plasticheskikh deformatsiy)

PERIODICAL: Tr. Min. obor. prom-sti SSSR, Nr 232. Oborongiz, 1953, 16 pp

ABSTRACT: Basic principles of the theory on small elastic-plastic deformations are outlined. These equations are later employed in the determination of stresses beyond the elastic limit of a thin, axisymmetrical disk with a smooth profile. As usual, it is assumed that the distribution of stresses in the disk is two-dimensional and that the stresses are of constant magnitude throughout the thickness of the disk. Stresses produced by forces of inertia and by temperature (which varies only along the radius) are determined. The quantity $\mu' = \frac{\mu + \psi/2}{1 + \psi}$, where μ is Poisson's ratio and ψ the modulus of plasticity, is considered constant. The

Card 1/2

Determination of Stresses in Gas-turbine Disks (cont.)

magnitude of μ' in an elastic disk is equal to Poisson's ratio; it increases with increasing plastic deformations and approaches the value 1/2 as a limit. The author refers to elastic analyses of disks where $\mu = 0.3$ and $\mu = 0.5$ [Kinasoshvili R.S. Raschet diskov turbin na polzuchest' (Creep Analysis of Turbine Disks), Sb. TsIAM, Nr 7, Oborongiz, 1952], which exhibited similar stress values for both computations. In this instance the stresses are expressed in an integral form with the aid of equilibrium equations and the equations of strain compatibility. The factor of work hardening must be added to these expressions. The shape of the stress-strain curve of the work-hardened section is not postulated. The system of equations obtained is solved by the method of successive approximations, the elastic computation of the disk providing the zero-th solution. In finding the elastic approximation for the radial stress σ_r, the latter is assumed to have a constant value in the circumferential stress expression. A detailed numerical computation of the disk is presented as an illustration of the computational method proposed. It is pointed out that two approximations suffice for all practical purposes. The employment of this method in computation of creep in disks is described in the paper mentioned above.

E. I. Grigolyuk

Card 2/2

KINASOSHVILI, R. S.; BIRGER, I. A.

Strains and Stresses

Once more about the margin of strength in variable stresses. Vest. mash. 33 no. 2, 1953.

9. Monthly List of Russian Accessions, Library of Congress, June 1953. Unclassified.

KINASOSHVILI, R. S.

PHASE I TREASURE ISLAND BIBLIOGRAPHICAL REPORT AID 663 - I

Call No.: AF647516

BOOK
Author: KINASOSHVILI, R. S.
Full Title: STRENGTH OF MATERIALS (Textbook for Technicums). 4th ed. rev.
Transliterated Title: Soprotivleniye materialov (dlya tekhnikumov) izd. 4-e, perer.

PUBLISHING DATA
Originating Agency: None
Publishing House: State Publishing House of Technical and Theoretical Literature
Date: 1954 No. pp.: 384 No. of copies: 100,000
Editorial Staff
Editor: Markuzon, I. A. Tech. Ed.: Tumarkina, N. A.

PURPOSE: Approved by the Main Administration of the Ministry of Higher Education as a textbook for technicum courses on strength of materials

TEXT DATA
Coverage: This textbook describes the basic types of stress: tension, compression, bending, torsion and shear. Topics covered include: Brinell hardness' formula, calculation of tension and compression, deformation in combined stresses, Hooke's law, static moments, centers of gravity and inertia of areas, deflection of beams, problems

Summary - D 162636, 21 Jan 55 1/2